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Observationes Eclipsis Lunaris, habitæ *Parisiis*; comparandæ cum iis, quæ peractæ fuerunt *Londini* d. Junii 26. 1675. *st. Veteri*, traditæque in his *Actis Phil. num. 116. p. 371.*

Julii 7. 1675. *st. novo*, mane, in *Regia Specula Astronomica*, *Cl. Viri*, Cassinus, Picartus & Romerus, summâ quâ poterant curâ observârunt tempora, quibus *Umbra Terræ* per diversas *Lunæ maculas* successivè transit, viz.

Temp.			Transitus Umbræ.
H.	M.	S.	
1.	56.	45	Initium.
1	57	20	<i>Per primum limbum Grimaldi.</i>
	58	50	<i>Secundum limbum Grimaldi.</i>
2.	1	45	<i>Galileum.</i>
	2	15	<i>Primum limbum Mersenni.</i>
	4	15	<i>Initium Gassendi.</i>
	4	40	<i>Medium Gassendi.</i>
	5	30	<i>Alterum limbum Gassendi.</i>
	6	15	<i>Herigonum & Seleucum.</i>
	7	45	<i>Morinum.</i>
	8	18	<i>Medium Kepleri.</i>
11	35		<i>Aristarchum & Bulialdum.</i>
12	40		<i>Aristarchus disparet.</i>
16	25		<i>Initium Tychonis.</i>
16	40		<i>Initium Copernici.</i>
17	25		<i>Medium Tychonis & Copernici.</i>
18	12		<i>Alterum limbum Tychonis. (diorum.</i>
21	45		<i>Pytheam & primum trium Sinuum me-</i>
24	0		<i>Medium secundi Sinus medii.</i>
24	35		<i>Heraclidem vel Virginem.</i>
26	10		<i>Primum limbum Timocharis.</i>
26	40		<i>Medium Timocharis. (nem.</i>
31	40		<i>Promontorium inter Virginem & Plato-</i>
32	20		<i>Abulfedam.</i>
34	15		<i>Initium Manilii.</i>
36	15		<i>Dionysium Arcopagitam.</i>

H. M. S.

2	38	10
	38	45
	39	20
	39	50
	41	15
	44	15
2	50	20
	50	45
	53	55
	55	20
	1	10
3	1	45
	3	15
	7	45

Fin. five Totalis

*Per Littus Maris tranquillitatis.**Primum limbum Menelai & Platonis.**Fracaforem.**Medium Platonis.**Alterum limbum Platonis.**Promontor. inter Conforinum & Bedam.**Primum limbum Paludis somnii.**Cornua erant Verticalia.**Initium Langreni.**Primum limbum Maris Caspii.**Alterum limbum Maris Caspii.**Endimionem.**Mesbalam.**Immersio, supra Mare Caspium.*

Telescopiorum adhibitorum unum erat pedum sex, reliqua, pedum trium. Mare Caspium tunc distabat à limbo Occidentali circiter ³ suæ latitudinis. Post Immersionem Totalem dignoscebatur adhuc totum corpus Luna; at tandem Aurora emicans & vaporosus Horizon, ipsam, priusquam occideret, oculis subduxere.

Has observationes, ad Longitudinum cognitionem conducentes, præcessit alia observatio, haud minùs ad idem negotium faciens: Equidem ante mediam noctem, horâ scil. 11, & 16 secundis præcisè, secundus Jovis satelles egredi incipiebat ex Planeta hujus qui ipsum obscuraverat umbra: Id quod observatum fuit eximii 20 pedum Telescopii beneficio.